Table ENG-2. - Construction Materials

Smyth County, Virginia

The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The smaller the value, the greater the limitation.

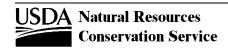
Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	е	Potential Source of Topsoil	е
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B:		_					
Austinville	80	Poor	0.00	Poor	0.00	Poor	0.00
		Too clayey Low content of	0.00 0.13	Low strength Shrink-swell	0.00 0.50	Too Clayey	0.00
		organic matter		Smirk-sweii	0.50		
		Too acid	0.89				
1C:							
Austinville	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.50	Slope	0.63
		Too acid	0.89				
1D:							
Austinville	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of	0.13	Shrink-swell	0.50	Too Clayey	0.00
		organic matter		Slope	0.50		
		Too acid	0.89				
1E:							
Austinville	80	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of	0.13	Low strength	0.00	Too Clayey	0.00
		organic matter Too acid	0.89	Shrink-swell	0.50		
		100 acid	0.69				
2E:							
Austinville	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of	0.13	Slope	0.00	Slope	0.00
		organic matter Too acid	0.89	Shrink-swell	0.50		
Rock outcrop	30	Not Rated		Not Rated		Not Rated	
3D:							
Berks	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter				Depth to bedrock	0.54
		Too acid	0.50				

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill	е	Potential Sourc of Topsoil	e
and con Hame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
3D:			•				•
Weikert	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock Low content of organic matter	0.00 0.13	Slope	0.00	Rock fragments Depth to bedrock	0.00 0.00
4B:							
Botetourt	75	Fair		Poor		Fair	
		Too acid	0.84	Low strength Depth to saturated	0.00 0.53	Depth to saturated zone	0.53
				zone		Hard to reclaim	0.68
				Shrink-swell	>0.99	Rock fragments	0.88
Wet spots		Not Rated		Not Rated		Not Rated	
4C:							
Botetourt	75	Fair		Poor		Fair	
		Too acid	0.84	Low strength Depth to saturated	0.00 0.53	Depth to saturated zone	0.53
				zone	. 0.00	Slope	0.63
				Shrink-swell	>0.99	Hard to reclaim	0.68
Wet spots		Not Rated		Not Rated		Not Rated	
5E:							
Brushy	75	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter Too acid	0.50	Cobble content	0.90	Depth to bedrock	0.54
		. 55 45.4	0.00				
6E:							
Calvin	75	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	<u> </u>	0.00
		Depth to bedrock	0.54			Depth to bedrock	0.54
		.,					
7C:	7-	Danie		D		Davis	
Carbo	75	Poor	0.00	Poor	2.22	Poor	2.22
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty Low content of	0.01 0.13	Low strength Shrink-swell	0.00 0.71	Depth to bedrock Slope	0.54 0.63
		organic matter	0.13	SHIIIIK-SWEII	0.71	Siupe	0.03
7D:							
7D:							



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	е	Potential Sourc of Topsoil	е
and con Hame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
7D:							
Carbo	75	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty Low content of organic matter	0.01 0.13	Low strength Slope	0.00 0.50	Too Clayey Depth to bedrock	0.00 0.54
8D:							
Carbo	45	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.01	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Shrink-swell	0.71	Depth to bedrock	0.54
Rock outcrop	40	Not Rated		Not Rated		Not Rated	
8E:							
Carbo	45	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.01	Slope	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Low strength	0.00	Depth to bedrock	0.54
Rock outcrop	40	Not Rated		Not Rated		Not Rated	
9E:							
Carbo	45	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.01	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Depth to bedrock	0.54
Rock outcrop	40	Not Rated		Not Rated		Not Rated	
10C:							
Chiswell	30	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.00	No shrink-swell	>0.99	Depth to bedrock	0.00
		Low content of organic matter	0.13	limitation		Slope	0.63
Litz	25	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of	0.13			Depth to bedrock	0.54
		organic matter				Slope	0.63
		Too acid	0.50				

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Sourc of Roadfill	e	Potential Sourc of Topsoil	e
and Golf Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
10C:							
Groseclose	20	Poor		Fair		Poor	
		Too clayey Low content of	0.00 0.13	Shrink-swell	0.65	Too Clayey Too acid	0.00 0.60
		organic matter Too acid	0.50			Slope	0.63
10D:							
Chiswell	30	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.50	Rock fragments	0.00
		Low content of organic matter	0.13	No shrink-swell limitation	>0.99	Depth to bedrock	0.00
Litz	25	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Rock fragments Depth to bedrock	0.00 0.54
		Too acid	0.50			.,	
Groseclose	20	Poor		Fair		Poor	
		Too clayey	0.00	Slope	0.50	Slope	0.00
		Low content of organic matter	0.13	Shrink-swell	0.65	Too Clayey Too acid	0.00 0.60
		Too acid	0.50				
10E:							
Chiswell	30	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock Low content of	0.00 0.13	Slope No shrink-swell	0.00 >0.99	Rock fragments Depth to bedrock	0.00
		organic matter	0.13	limitation	~0.99	Deptil to bedlock	0.00
Litz	25	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter Too acid	0.50			Depth to bedrock	0.54
Groseclose	20	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of	0.13	Shrink-swell	0.65	Too Clayey	0.00
		organic matter Too acid	0.50			Too acid	0.60
11D:							
Dekalb	75	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.50	Rock fragments	0.00
		organic matter		Cobble content	0.94	Depth to bedrock	0.54
		Too acid	0.50				



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mar		Potential Source of Roadfill)	Potential Source of Topsoil	е
a 55	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
11E:							
Dekalb	75	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope Cobble content	0.00 0.94	Rock fragments	0.00 0.54
		Too acid	0.50	Copple content	0.94	Depth to bedrock	0.54
12B:							
Derroc	80	Fair		Poor		Poor	
		Cobble content	0.01	Cobble content	0.00	Hard to reclaim	0.00
		Low content of	0.13			Rock fragments	0.00
		organic matter	0.70				
		Droughty	0.72				
13D:							
Drypond	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	No shrink-swell limitation	>0.99	Depth to bedrock	0.00
Rock outcrop	35	Not Rated		Not Rated		Not Rated	
13E:							
Rock outcrop	40	Not Rated		Not Rated		Not Rated	
Drypond	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	No shrink-swell limitation	>0.99	Depth to bedrock	0.00
14:							
Dumps	100	Not Rated		Not Rated		Not Rated	
15B:							
Frederick	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of	0.13	Shrink-swell	0.87	Too acid	0.98
		organic matter Too acid	0.54				
		100 acid	0.54				
15C:	00	Dana		Danie		Davis	
Frederick	80	Poor	0.00	Poor	0.00	Poor	0.00
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Slope Too acid	0.63 0.98
		Too acid	0.54			i oo aciu	0.90
15D:							



Map Symbol and Soil Name	Pct of	of Reclaimation Mat	terial	of Roadfill		of Topsoil	е
and con Hame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
15D:	•						•
Frederick	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Too Clayey	0.00
		Too acid	0.54	Shrink-swell	0.87	Too acid	0.98
15E:							
Frederick	80	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of	0.13	Low strength	0.00	Too Clayey	0.00
		organic matter		Shrink-swell	0.87	Too acid	0.98
		Too acid	0.54				
15F:							
Frederick	80	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13	Low strength	0.00	Too Clayey	0.00
		Too acid	0.54	Shrink-swell	0.87	Too acid	0.98
16B:							
Frederick	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Too acid	0.98
		Too acid	0.54				
16C:							
Frederick	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Slope Too acid	0.63 0.98
		Too acid	0.54				
16D:							
Frederick	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of	0.13	Slope	0.50	Too Clayey	0.00
		organic matter Too acid	0.54	Shrink-swell	0.87	Too acid	0.98
105							
16E: Frederick	80	Poor		Poor		Poor	
Juditor	30	Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of	0.00	Low strength	0.00	Too Clayey	0.00
		organic matter	0.10	Shrink-swell	0.87	Too olayey Too acid	0.00
		Too acid	0.54	- -			2.30

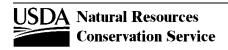


Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill	9	Potential Source of Topsoil	
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
17C:							
Frederick	50	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Too acid	0.98
		Too acid	0.54				
Urban land	40	Not Rated		Not Rated		Not Rated	
18E:							
Greenlee	75	Poor		Poor		Poor	
		Cobble content	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13	Cobble content	0.00	Hard to reclaim Rock fragments	0.00 0.00
		Too acid	0.50			Nook nagmente	0.00
19B:							
Ingledove	80	Fair		Poor		Good	
		Low content of	0.13	Low strength	0.00		
		organic matter Too acid	0.89	Shrink-swell	0.99		
20B:							
Ingledove	50	Fair		Poor		Good	
		Low content of organic matter	0.13	Low strength	0.00		
		Too acid	0.89	Shrink-swell	0.99		
Urban land	30	Not Rated		Not Rated		Not Rated	
21D:							
Konnarock	75	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.54	Slope	0.00	Rock fragments	0.00
		Too acid	0.54			Depth to bedrock	0.54
21E: Konnarock	75	Poor		Poor		Poor	
KUIIIdIUCK	75	Droughty	0.00		0.00	Slope	0.00
		Depth to bedrock	0.54	Depth to bedrock Slope	0.00	Rock fragments	0.00
		Too acid	0.54	0.000	0.00	Depth to bedrock	0.54
22B:							
Laidig	80	Poor		Poor		Fair	
		Droughty	0.00	Depth to cemented	0.00	Depth to cemented	0.50
		Low content of	0.13	pan	. 0.00	pan	2.22
		organic matter Too acid	0.50	Shrink-swell	>0.99	Too acid Rock fragments	0.60 0.88
		100 aciu	0.50			NOCK Hagilielits	0.00
22C:							



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill)	Potential Source of Topsoil	Э
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
22C:							
Laidig	80	Fair		Poor		Fair	
		Droughty	0.01	Depth to cemented	0.00	Depth to cemented	0.54
		Low content of organic matter	0.13	pan Shrink-swell	>0.99	pan Too acid	0.60
		Too acid	0.50	Ollillik-Swell	×0.99	Slope	0.63
22D:							
Laidig	80	Fair		Poor		Poor	
•		Droughty	0.01	Depth to cemented	0.00	Slope	0.00
		Low content of	0.13	pan		Depth to cemented	0.54
		organic matter		Slope	0.50	pan	
		Too acid	0.50	Shrink-swell	>0.99	Too acid	0.60
23C:							
Laidig	80	Fair		Poor		Fair	
		Droughty	0.01	Depth to cemented	0.00	Depth to cemented	0.54
		Low content of	0.13	pan Shrink-swell	>0.00	pan Too acid	0.60
		organic matter Too acid	0.50	Sillink-Swell	>0.99	Slope	0.60 0.63
23D:							
Laidig	80	Fair		Poor		Poor	
		Droughty	0.01	Depth to cemented	0.00	Slope	0.00
		Low content of	0.13	pan		Depth to cemented	0.54
		organic matter		Slope	0.50	pan	
		Too acid	0.50	Shrink-swell	>0.99	Too acid	0.60
24C:							
Lily	75	Fair		Poor		Fair	
		Low content of	0.13	Depth to bedrock	0.00	Depth to bedrock	0.54
		organic matter Droughty	0.15	Low strength	0.78	Too acid	0.60
		Too acid	0.13	No shrink-swell limitation	>0.99	Slope	0.63
24D:							
Lily	75	Fair		Poor		Poor	
•		Low content of	0.13	Depth to bedrock	0.00	Slope	0.00
		organic matter		Slope	0.50	Depth to bedrock	0.54
		Droughty	0.15	Low strength	0.78	Too acid	0.60
		Too acid	0.50				
24E:							
Lily	75	Fair		Poor		Poor	
		Low content of	0.13	Depth to bedrock	0.00	Slope	0.00
		organic matter	0 1 <i>E</i>	Slope	0.00	Depth to bedrock	0.54
		Droughty Too acid	0.15 0.50	Low strength	0.78	Too acid	0.60
		i oo aciu	0.50				
25A:							

Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	e	Potential Sourc of Topsoil	e
and don Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
25A:							
Maurertown	75	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.88	Low strength	0.00	Too Clayey	0.00
		Water erosion	0.90	Shrink-swell	0.65	,.,	
26A:							
Melvin	75	Fair		Poor		Poor	
		Low content of organic matter	0.68	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Low strength Shrink-swell	0.00 >0.99		
27D:							
Newbern	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.50	Depth to bedrock	0.00
		Low content of organic matter	0.13			Rock fragments	0.00
Westmoreland	35	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength Depth to bedrock	0.00 0.26	Slope Hard to reclaim	0.00 0.00
		Too acid	0.54	Slope	0.50	Rock fragments	0.50
		Water erosion	0.99	·		-	
27E:							
Newbern	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Depth to bedrock	0.00
		Low content of organic matter	0.13			Rock fragments	0.00
Westmoreland	35	Fair		Poor		Poor	
		Low content of	0.13	Slope	0.00	Slope	0.00
		organic matter		Low strength	0.00	Hard to reclaim	0.00
		Too acid Water erosion	0.54 0.99	Depth to bedrock	0.26	Rock fragments	0.50
28:							
Pits	100	Not Rated		Not Rated		Not Rated	
29C:							
Poynor	75	Fair		Poor		Poor	
		Low content of	0.13	Low strength	0.00	Rock fragments	0.00
		organic matter	0.50	Shrink-swell	>0.99	Slope	0.63
		Too acid Droughty	0.50 0.85			Too acid	0.76
		Diougnity	0.00				
29D:							



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Ma		Potential Source of Roadfill	е	Potential Source of Topsoil	e
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
29D:							
Poynor	75	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.50	Slope Shrink-swell	0.50 >0.99	Rock fragments Too acid	0.00 0.76
		Droughty	0.85	Silliik-sweii	~ 0.99	100 aciu	0.76
29E:							
Poynor	75	Fair		Poor		Poor	
		Low content of	0.13	Slope	0.00	Slope	0.00
		organic matter		Low strength	0.00	Rock fragments	0.00
		Too acid Droughty	0.50 0.85	Shrink-swell	>0.99	Too acid	0.76
30F:							
Rock outcrop	60	Not Rated		Not Rated		Not Rated	
Newbern	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Depth to bedrock	0.00
		Low content of organic matter	0.13			Rock fragments	0.00
31B:							
Shelocta	75	Fair		Poor		Fair	
		Too acid	0.50	Low strength	0.00	Rock fragments	0.88
				Depth to bedrock	0.00	Too acid	0.88
						Hard to reclaim	0.96
31C:							
Shelocta	100	Fair		Poor		Fair	
		Too acid	0.50	Low strength	0.00	Slope	0.63
				Depth to bedrock	0.00	Rock fragments	0.88
						Too acid	0.88
31D:				_		_	
Shelocta	100	Fair		Poor		Poor	
		Too acid	0.50	Low strength	0.00	Slope	0.00
				Depth to bedrock Slope	0.00 0.50	Rock fragments Too acid	0.88 0.88
215.				3.000	0.00	. 55 55.5	0.00
31E:	100	Fair		Poor		Poor	
Shelocta	100	Too acid	0.50	Poor Slope	0.00	Poor Slope	0.00
		100 aciu	0.50	Low strength	0.00	Rock fragments	0.00
				Depth to bedrock	0.00	Too acid	0.88
32B:							



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Mat	Potential Source of Reclaimation Material		9	Potential Source of Topsoil	e
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
32B:	I						
Shottower	80	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.60	Too Clayey	0.00
		Low content of organic matter	0.13	Low strength	>0.99	Rock fragments Too acid	0.50 0.76
		Too acid	0.50				
32C:		_				_	
Shottower	80	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.60	Too Clayey	0.00
		Low content of organic matter	0.13	Low strength	>0.99	Rock fragments	0.50
		Too acid	0.50			Slope	0.63
32D:							
Shottower	80	Poor		Fair		Poor	
		Too clayey	0.00	Slope	0.08	Slope	0.00
		Low content of	0.13	Shrink-swell	0.60	Too Clayey	0.00
		organic matter	****	Low strength	>0.99	Rock fragments	0.50
		Too acid	0.50	ŭ		S	
33A:							
Sindion	75	Good		Fair		Fair	
				Depth to saturated zone	0.76	Depth to saturated zone	0.76
				No shrink-swell limitation	>0.99	Hard to reclaim	0.88
Melvin		Not Rated		Not Rated		Not Rated	
34:							
Slickens	100	Not Rated		Not Rated		Not Rated	
35A:							
Speedwell	80	Good		Fair		Fair	
				Low strength	0.78	Rock fragments	0.88
						Hard to reclaim	0.98
86D:				_		_	
Sylco	60	Fair		Poor		Poor	
		Droughty	0.20	Depth to bedrock	0.00	Slope	0.00
		Too acid	0.50	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.54	No shrink-swell limitation	>0.99	Depth to bedrock	0.54
Sylvatus	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.00
36E:							

Note	Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill	е	Potential Sourc of Topsoil	е
Sylvatus	and doil Name		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Droughty								
Too acid	Sylco	60						
Depth to bedrock 0.54 No shrink-swell >0.99 Depth to bedrock							-	0.00
Imitation					•			0.00
Droughty			Deptn to bedrock	0.54		>0.99	Deptn to bedrock	0.54
Depth to bedrock	Sylvatus	40	Poor		Poor		Poor	
Low content of organic matter Content of One of			Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
Organic matter Orga			Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
Tate				0.13			Depth to bedrock	0.00
Too acid	37B:							
Low content of organic matter 0.88	Tate	75	Fair		Poor		Fair	
Organic matter Organic matter Organic matter			Too acid		Low strength	0.00	Hard to reclaim	0.13
Timberville				0.88			Rock fragments	0.96
Too clayey	38B:							
Low content of organic matter	Timberville	75						
organic matter Too acid 0.50 39B: Tumbling 75								0.05
Tumbling			organic matter		Shrink-swell	0.84	Too acid	0.92
Tumbling			Too acid	0.50				
Too clayey	39B:							
Low content of organic matter Too acid 1.3 Low strength 1.4 Low strength 1.5 Low strength 1.6 Low content of organic matter 1.7 Low strength 1.7	Tumbling	75	Fair		Fair		Fair	
organic matter Too acid 0.32 39C: Tumbling 75 Fair Fair Fair Foo clayey Low content of organic matter Too acid 0.32 39D: Tumbling 75 Fair Fair Fair Foo acid 0.32 39D: Tumbling 75 Fair Fair Fair Poor Too clayey Low content of 0.13 Shrink-swell 0.78 Too Clayey Rock fragments 75 Fair Foo acid 0.32 39D: Tumbling 75 Fair Foo clayey Low content of 0.13 Shrink-swell 0.78 Too Clayey organic matter Too acid 0.32 Rock fragments 75 Fair Foo clayey Low content of 0.13 Shrink-swell 0.78 Too Clayey organic matter Too acid 0.32			Too clayey	0.08	Shrink-swell	0.78	Too Clayey	0.05
Too acid 0.32 Tumbling 75 Fair Fair Fair Fair Fair Foo Clayey Low content of organic matter Too acid 0.32 39D: Tumbling 75 Fair Fair Poor Too clayey 0.08 Slope 0.50 Slope Low content of 0.13 Shrink-swell 0.78 Too Clayey Rock fragments 75 Fair Fair Poor Too clayey 0.08 Slope 0.50 Slope Low content of 0.13 Shrink-swell 0.78 Too Clayey organic matter Too acid 0.32				0.13	Low strength	>0.99	Rock fragments	0.88
Tumbling 75 Fair Too clayey Low content of organic matter Too acid 75 Fair Fair Fair Fair Foo Clayey Low strength Foops Rock fragments Fair Foo acid 0.32 39D: Tumbling 75 Fair Fair Fair Poor Too clayey Low content of organic matter Too acid 0.32 Fair Fair Poor Foor Too clayey Low content of organic matter Low strength O.78 Too Clayey O.88 Slope Low content of organic matter Low strength Solution Fair Poor Foor Foor Too clayey O.88 Slope O.50 Slope Low content of organic matter Low strength Solution Food Clayey O.99 Rock fragments Too acid O.32			_	0.00			Hard to reclaim	0.88
Tumbling 75 Fair Too clayey Low content of organic matter Too acid 75 Fair Fair Fair Fair Fair Too Clayey Low strength 75 Fair Fair Foo clayey Rock fragments Fair Foor Fair Foor Foor Too clayey Low content of one organic matter Too acid 75 Fair Fair Fair Poor Foor Foo clayey Low content of one organic matter Low strength No.78 Too Clayey Poor Foo Clayey Rock fragments Fair Poor Foor Foo clayey Low content of one organic matter Too acid No.32			I oo acid	0.32				
Too clayey Low content of organic matter Too acid 75 Fair Too clayey Low content of organic matter Too acid 75 Fair Too clayey Low content of olayey Low strength Too acid 75 Fair Too clayey Low content of olayey Low content of organic matter Too acid 75 Fair Too clayey Low content of olayey Low strength Too acid 75 Fair Too clayey Low content of olayey Low strength Too acid 75 Fair Too clayey Low strength Slope Content of olayey Content olayey Content of olayey Content ola	39C:							
Low content of organic matter Too acid 75 Fair Too clayey Low content of organic matter Too acid 75 Fair Too clayey Low content of organic matter Low strength Slope Rock fragments Poor Too clayey 0.08 Slope 0.50 Slope Low content of 0.13 Shrink-swell 0.78 Too Clayey organic matter Low strength >0.99 Rock fragments	Tumbling	75	Fair		Fair		Fair	
organic matter Too acid 0.32 39D: Tumbling 75 Fair Fair Poor Too clayey 0.08 Slope Low content of organic matter Too acid 0.32 Rock fragments Rock fragments Rock fragments Rock fragments Output Poor Too clayey 0.08 Slope 1.078 Too Clayey 0.78 Too Clayey			Too clayey	0.08	Shrink-swell	0.78	Too Clayey	0.05
Too acid 0.32 39D: Tumbling 75 Fair Fair Poor Too clayey 0.08 Slope 0.50 Slope Low content of 0.13 Shrink-swell 0.78 Too Clayey organic matter Low strength >0.99 Rock fragments Too acid 0.32				0.13	Low strength	>0.99		0.63
Tumbling 75 Fair Too clayey Low content of organic matter Too acid 75 Fair Fair Foor 0.08 Slope 0.50 Slope 0.78 Too Clayey 0.78 Too Clayey 1.00 Strength 1.00				0.00			Rock fragments	0.88
Tumbling 75 Fair Fair Poor Too clayey 0.08 Slope 0.50 Slope Low content of 0.13 Shrink-swell 0.78 Too Clayey organic matter Too acid 0.32 Low strength >0.99 Rock fragments			l oo acid	0.32				
Too clayey 0.08 Slope 0.50 Slope Low content of 0.13 Shrink-swell 0.78 Too Clayey organic matter Low strength >0.99 Rock fragments Too acid 0.32	39D:							
Low content of 0.13 Shrink-swell 0.78 Too Clayey organic matter Low strength >0.99 Rock fragments Too acid 0.32	Tumbling	75	Fair		Fair		Poor	
organic matter Low strength >0.99 Rock fragments Too acid 0.32			Too clayey	0.08	Slope	0.50	Slope	0.00
Too acid 0.32				0.13	Shrink-swell	0.78		0.05
				2.25	Low strength	>0.99	Rock fragments	0.88
205			l oo acid	0.32				
DAE.	39E:							



Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclaimation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
39E:							
Tumbling	75	Fair		Poor		Poor	
		Too clayey	0.08	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13	Shrink-swell	0.78	Too Clayey	0.05
		Too acid	0.32	Low strength	>0.99	Rock fragments	0.88
40C:							
Tumbling	75	Fair		Fair		Fair	
		Too clayey	0.08	Shrink-swell	0.78	Too Clayey	0.05
		Low content of	0.13	Low strength	>0.99	Slope	0.63
		organic matter				Rock fragments	0.88
		Too acid	0.32				
40D:							
Tumbling	75	Fair		Fair		Poor	
		Too clayey	0.08	Slope	0.50	Slope	0.00
		Low content of organic matter	0.13	Shrink-swell	0.78	Too Clayey	0.05
		Too acid	0.32	Low strength	>0.99	Rock fragments	0.88
40E:							
Tumbling	75	Fair		Poor		Poor	
· ····································		Too clayey	0.08	Slope	0.00	Slope	0.00
		Low content of	0.13	Shrink-swell	0.78	Too Clayey	0.05
		organic matter		Low strength	>0.99	Rock fragments	0.88
		Too acid	0.32				
41:							
Udorthents	60	Not Rated		Not Rated		Not Rated	
Urban land	40	Not Rated		Not Rated		Not Rated	
42E:							
Weikert	60	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.00
Berks	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter		•		Depth to bedrock	0.54
		Too acid	0.50			·	
43B:							



	of Reclaimation Mat	enai	of Roadfill		of Lopson	
Pct of Map Unit	of Reclaimation Material		of Roadfill		of Topsoil	
	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
			_			
75		0.40		0.00		0.00
		0.13	_		Rock fragments	0.88
	Too acid	0.74	limitation	-0.99		
	Water erosion	0.99				
50	Fair		Poor		Fair	
	Low content of	0.13	Low strength	0.00	Rock fragments	0.88
	organic matter		No shrink-swell	>0.99		
			limitation			
	Water erosion	0.99				
40	Not Rated		Not Rated		Not Rated	
75	Good		Good		Fair	
					Rock fragments	0.88
45	Poor		Poor		Poor	
	Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
	Low content of	0.13			Depth to bedrock	0.54
	-	0.54			Slope	0.63
	·		_		_	
30						
			Depth to bedrock	0.00		0.00
	•				_	0.63
	organic matter	0.10			0.000	0.00
45	Poor		Poor		Poor	
	Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		0.13	Slope	0.50		0.00
	Depth to bedrock	0.54			Depth to bedrock	0.54
30	Poor		Poor		Poor	
30		0.00		0.00		0.00
						0.00
	Low content of	0.13	2.2F2	0.00	Rock fragments	0.00
	araania mattar				-	
	organic matter					
	75 50 40 75 45	Unit Rating Class and Limiting Features 75 Fair Low content of organic matter Too acid Water erosion 50 Fair Low content of organic matter Too acid Water erosion 40 Not Rated 75 Good 45 Poor Droughty Low content of organic matter Depth to bedrock 30 Poor Droughty Depth to bedrock Low content of organic matter Depth to bedrock Low content of organic matter Depth to bedrock Low content of organic matter 45 Poor Droughty Low content of organic matter Depth to bedrock 30 Poor Droughty Low content of organic matter Depth to bedrock 30 Poor Droughty Low content of organic matter Depth to bedrock	To Fair Low content of organic matter Too acid O.74 Water erosion 0.99 Fair Low content of o.99 Fair Low content of o.99 Not Rated 0.74 Water erosion 0.99 Not Rated 0.74 Water erosion 0.99 Value Value Value Value Value O.13 Organic matter Too acid O.74 Water erosion 0.99 Value O.13 Organic matter Too acid O.74 Water erosion 0.99 Value O.13 Organic matter Depth to bedrock 0.99 O.13 Organic matter Depth to bedrock 0.00 Low content of O.13 Organic matter Organic matter Depth to bedrock 0.00 Low content of O.13 Organic matter Organic matter Depth to bedrock 0.54 O.13 Organic matter Organ	Unit Rating Liass and Limiting Features 75 Fair	Unit Limiting Features Value Limiting Features Value 75 Fair Poor Low content of organic matter Too acid 0.74 limitation Water erosion 0.99 50 Fair Poor Low content of organic matter Too acid 0.74 limitation Water erosion 0.99 50 Fair Poor Low content of 0.13 Low strength 0.00 No shrink-swell >0.99 40 Not Rated Not Rated Not Rated 75 Good Good 45 Poor Poor Droughty 0.00 Depth to bedrock 0.00 Depth to bedrock 0.00 Low content of 0.13 organic matter Depth to bedrock 0.00 Low content of 0.13 organic matter Depth to bedrock 0.00 Low content of 0.13 organic matter 0.13 Slope 0.50 45 Poor Poor Poor Droughty 0.00 Depth to bedrock 0.00 Low content of 0.13 organic matter 0.13 Slope 0.50 45 Poor Poor Poor Droughty 0.00 Depth to bedrock 0.54	Unit Rating Class and Limiting Features Value Rating Class and Limiting Features Value Rating Class and Limiting Features

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclaimation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
46E:				_			
Wurno	45	Poor	0.00	Poor	0.00	Poor	0.00
		Droughty Low content of	0.00 0.13	Depth to bedrock Slope	0.00	Slope Rock fragments	0.00
		organic matter	0.13	Slope	0.00	Depth to bedrock	0.54
		Depth to bedrock	0.54				0.0.
Newbern	30	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Depth to bedrock	0.00
		Low content of organic matter	0.13			Rock fragments	0.00
47B:							
Wyrick	40	Fair		Poor		Fair	
		Too acid	0.12	Low strength	0.00	Too acid	0.60
		Low content of organic matter	0.13	Shrink-swell	0.87		
Marbie	35	Fair		Poor		Fair	
		Too acid	0.12	Low strength	0.00	Hard to reclaim	0.01
		Low content of	0.13	Shrink-swell	0.89	Rock fragments	0.50
		organic matter Water erosion	0.99			Too acid	0.60
.=0							
47C:	40	Fals		Danie		Fair	
Wyrick	40	Fair	0.12	Poor	0.00	Fair Too acid	0.60
		Too acid Low content of	0.12	Low strength Shrink-swell	0.00 0.87	Slope	0.63
		organic matter	0.10	Ominik owen	0.07	Сюрс	0.00
Marbie	35	Fair		Poor		Fair	
		Too acid	0.12	Low strength	0.00	Hard to reclaim	0.01
		Low content of	0.13	Shrink-swell	0.89	Rock fragments	0.50
		organic matter	0.00			Too acid	0.60
		Water erosion	0.99				
47D:							
Wyrick	40	Fair		Poor		Poor	
		Too acid	0.12	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope Shrink-swell	0.50 0.87	Too acid	0.60
Marbie	35	Fair		Poor		Poor	
		Too acid	0.12	Low strength	0.00	Slope	0.00
		Low content of	0.13	Slope	0.50	Hard to reclaim	0.01
		organic matter Water erosion	0.99	Shrink-swell	0.89	Rock fragments	0.50
W:							
w. Water	100	Not Rated		Not Rated		Not Rated	

